BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION : BYATARAYANPURA

SUB DIVISION: BYATARAYANPURA

Name of work: *Pot hole filling to Roads in Ward No.06 (Thanisandra) Surrounding area Byatarayanapura Sub Division.*

Estimated Cost : Rs 10.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA ZONE

Name of Work : Pot hole filling to Roads in Ward No.06 (Thanisandra) Surrounding area Byatarayanapura Sub Division.

					Estimate Cost			1000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB- M 3000-2: Making up loss of of Material/irregulatities on shoulder ot the design level by adding fresh approved soil and compacting it with appropriate equipment complete as per s[ecifications. MORTH Specification No. 3003 (Page No. 265/ Item No.35.20, PWD SR 2018-19	Sqm							
	M S Ramaiah North city main and cross road		1	5.70	2.00		11.40		
			1	3.00	4.80		14.40		
			1	4.00	1.20		4.80		
			2	5.00	8.00		80.00		
			1	3.50	1.10		3.85		
			2	5.00	2.50		25.00		
			1	3.20	9.00		28.80		
			1	3.00	4.20		12.60		
			2	4.70	2.50		23.50		
			1	3.50	2.50		8.75		
			2	4.90	2.30		22.54		
			1	3.50	1.10		3.85		
			2	3.00	1.75		10.50		
			1	3.00	8.00		24.00		
			1	3.60	5.50		19.80		
			1	6.00	1.75		10.50		
			1	3.20	2.00		6.40		
	Road cuttings		10	7.00	0.75		52.50		
	P & T Layout main and cross road		2	5.00	2.90		29.00		
			1	3.50	1.10		3.85		
			3	3.90	2.30		26.91		
			1	3.00	8.00		24.00		
			2	3.60	5.50		39.60		
			1	3.20	2.00		6.40		
			2	7.00	3.40		47.60		
			1	3.60	2.00		7.20		
	Road cuttings		5	6.00	1.75		52.50		
	Hegdengar main and cross road		1	3.60	2.00		7.20		
			2	5.00	2.10		21.00		
			1	3.00	1.20		3.60		
			2	5.00	2.00		20.00		
			1	6.80	4.00		27.20		
			2	3.20	7.00		44.80		
			1	4.00	2.50		10.00		
			3	5.20	2.90		45.24		
			1	3.00	1.20		3.60		
			1	3.80	3.50		13.30		

			1	3.00	4.80		14.40		
	road cuttings		10	7.00	0.75		52.50		
	MECHS layout main and cross road		1	3.50	1.10		3.85		
			2	5.00	2.50		25.00		
			1	3.20	9.00		28.80		
			2	3.80	3.20		24.32		
			1	4.00	2.20		8.80		
			2	3.50	4.50		31.50		
			1	3.50	2.50		8.75		
			2	5.00	2.00		20.00		
			1	3.60	1.10		3.96		
			1	4.00	1.20		4.80		
			3	3.60	2.00		21.60		
			1	6.00	2.80		16.80		
			2	4.70	1.50		14.10		
			1	6.00	3.80		22.80		
			2	5.00	1.75		17.50		
			1	5.00	2.00		10.00		
	Road cuttings		8	6.00	0.80		38.40		
	Telecom layout roads		2	4.50	2.10		18.90		
			1	3.60	2.00		7.20		
			2	4.50	3.20		28.80		
			1	3.00	4.00		12.00		
			2	4.00	2.90		23.20		
	road cuttings		5	6.00	0.90		27.00		
							1281.17	**29.68**	**38025.00**
	Basic Rate	28.00							
	Area Weightage @ 6%	1.68							
	Total	29.68							
2	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to wet mix macadam specifications including premixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying, in uniform layers with paver in sub base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specification NO. 406, No. 155/ Item No. 20.18/ PWD SR 2018-19	**Cum**							
	M S Ramaiah North city main and cross road		1	5.70	2.00	0.15	1.71		
			1	3.00	4.80	0.15	2.16		
			1	4.00	1.20	0.15	0.72		
			2	5.00	8.00	0.15	12.00		
			1	3.50	1.10	0.15	0.58		
			2	5.00	2.50	0.15	3.75		
			1	3.20	9.00	0.15	4.32		
			1	3.00	4.20	0.15	1.89		
			2	4.70	2.50	0.15	3.53		
			1	3.50	2.50	0.15	1.31		

			2	4.90	2.30	0.15	3.38		
			1	3.50	1.10	0.15	0.58		
			2	3.00	1.75	0.15	1.58		
			1	3.00	8.00	0.15	3.60		
			1	3.60	5.50	0.15	2.97		
			1	6.00	1.75	0.15	1.58		
			1	3.20	2.00	0.15	0.96		
	Road cuttings		10	7.00	0.75	0.15	7.88		
	P & T Layout main and cross road		2	5.00	2.90	0.15	4.35		
			1	3.50	1.10	0.15	0.58		
			3	3.90	2.30	0.15	4.04		
			1	3.00	8.00	0.15	3.60		
			2	3.60	5.50	0.15	5.94		
			1	3.20	2.00	0.15	0.96		
			2	7.00	3.40	0.15	7.14		
			1	3.60	2.00	0.15	1.08		
	Road cuttings		5	6.00	1.75	0.15	7.88		
	Hegdengar main and cross road		1	3.60	2.00	0.15	1.08		
			2	5.00	2.10	0.15	3.15		
			1	3.00	1.20	0.15	0.54		
			2	5.00	2.00	0.15	3.00		
			1	6.80	4.00	0.15	4.08		
			2	3.20	7.00	0.15	6.72		
			1	4.00	2.50	0.15	1.50		
			3	5.20	2.90	0.15	6.79		
			1	3.00	1.20	0.15	0.54		
			1	3.80	3.50	0.15	2.00		
			1	3.00	4.80	0.15	2.16		
	road cuttings		10	7.00	0.75	0.15	7.88		
	MCECHS layout main and cross road		1	3.50	1.10	0.15	0.58		
			2	5.00	2.50	0.15	3.75		
			1	3.20	9.00	0.15	4.32		
			2	3.80	3.20	0.15	3.65		
			1	4.00	2.20	0.15	1.32		
			2	3.50	4.50	0.15	4.73		
			1	3.50	2.50	0.15	1.31		
			2	5.00	2.00	0.15	3.00		
			1	3.60	1.10	0.15	0.59		
			1	4.00	1.20	0.15	0.72		
			3	3.60	2.00	0.15	3.24		
			1	6.00	2.80	0.15	2.52		
			2	4.70	1.50	0.15	2.12		
			1	6.00	3.80	0.15	3.42		
			2	5.00	1.75	0.15	2.63		
			1	5.00	2.00	0.15	1.50		
	Road cuttings		8	6.00	0.80	0.15	5.76		
	Telecom layout roads		2	4.50	2.10	0.15	2.84		
			1	3.60	2.00	0.15	1.08		
			2	4.50	3.20	0.15	4.32		
			1	3.00	4.00	0.15	1.80		
			2	4.00	2.90	0.15	3.48		
	road cuttings		5	6.00	0.90	0.15	4.05		
							192.18	**2001.28**	**384597.00**

	Basic Rate	1888.00							
	Area Weightage @ 6%	113.28							
	Total	2001.28							
3	Filling Pot-holes and Patch Repairs with Bituminous concrete, 40mm.KSRRB M3000-5. Removal of all failed material, trimming of completed excavation to provide firm vertical faces, cleaning of surface, painting of tack coat on the sides and base of excavation as per clause 500.0 back filling the pot hole with bituminous material as per clause 500.4 campacting traimming and finishing the surface to form a smooth continuous surface all as per clause 3004.2 complete as per specifications MORTH Specification (Page No. 259/Itm No.35.5) PWD SR 2018-19	**Sqm**							
	M S Ramaiah North city main and cross road		1	5.70	2.00		11.40		
			1	3.00	4.80		14.40		
			1	4.00	1.20		4.80		
			2	5.00	8.00		80.00		
			1	3.50	1.10		3.85		
			2	5.00	2.50		25.00		
			1	3.20	9.00		28.80		
			1	3.00	4.20		12.60		
			2	4.70	2.50		23.50		
			1	3.50	2.50		8.75		
			2	4.90	2.30		22.54		
			1	3.50	1.10		3.85		
			2	3.00	1.75		10.50		
			1	3.00	8.00		24.00		
			1	3.60	5.50		19.80		
			1	6.00	1.75		10.50		
			1	3.20	2.00		6.40		
	Road cuttings		10	7.00	0.75		52.50		
	P & T Layout main and cross road		2	5.00	2.90		29.00		
			1	3.50	1.10		3.85		
			3	3.90	2.30		26.91		
			1	3.00	8.00		24.00		
			2	3.60	5.50		39.60		
			1	3.20	2.00		6.40		
			2	7.00	3.40		47.60		
			1	3.60	2.00		7.20		
	Road cuttings		5	6.00	1.75		52.50		
	Hegdengar main and cross road		1	3.60	2.00		7.20		
			2	5.00	2.10		21.00		
			1	3.00	1.20		3.60		
			2	5.00	2.00		20.00		
			1	6.80	4.00		27.20		
			2	3.20	7.00		44.80		
			1	4.00	2.50		10.00		
			3	5.20	2.90		45.24		

			1	3.00	1.20		3.60		
			1	3.80	3.50		13.30		
			1	3.00	4.80		14.40		
	road cuttings		10	7.00	0.75		52.50		
	MCECHS layout main and cross road		1	3.50	1.10		3.85		
			2	5.00	2.50		25.00		
			1	3.20	9.00		28.80		
			2	3.80	3.20		24.32		
			1	4.00	2.20		8.80		
			2	3.50	4.50		31.50		
			1	3.50	2.50		8.75		
			2	5.00	2.00		20.00		
			1	3.60	1.10		3.96		
			1	4.00	1.20		4.80		
			3	3.60	2.00		21.60		
			1	6.00	2.80		16.80		
			2	4.70	1.50		14.10		
			1	6.00	3.80		22.80		
			2	5.00	1.75		17.50		
			1	5.00	2.00		10.00		
	Road cuttings		8	6.00	0.80		38.40		
	Telecom layout roads		2	4.50	2.10		18.90		
			1	3.60	2.00		7.20		
			2	4.50	3.20		28.80		
			1	3.00	4.00		12.00		
			2	4.00	2.90		23.20		
	road cuttings		5	6.00	0.90		27.00		
							1281.17	**365.70**	**468524.00**
	Basic Rate	345.00							
	Area Weightage @ 6%	20.70							
	Total	365.70							
							Grand Total		**891146.00**
24	For 12% Applicable GST								**106938.00**
28	Miscesallaneous Charges	L/S							**1916.00**
								Total	**1000000.00**

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2018-19
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

21.03.2020
Assistant Engineer

Executive Engineer
Byatarayanapura Division
18/04

raglw
Assistant Executive Engineer
Byatarayanapura Sub Division

Administrative Approval
Accorded For Rs. 10.00 lakhs
Head of A/C P- 1771
CER NO :AS/122 Dt: 20/03/2020
18/04

TA

CE (YNK)

TECHNICAL SANCTION
Accorded For Rs. 10.00 Lakhs only
Head of A/c. P1771, Pow works
Div. Ref. No. 15/20-21 Date 24/4/2020
24/04
EE(BTP)
AE